**Q1/ Put true or false across following sentences: 4Marks**

1. The bulbourethral glands (Cowper's glands) are small and are located at the root of the penis.
2. The sperm enters the vegetal hemisphere and initiates a cytoplasmic rearrangement called the cortical rotation in frog egg.
3. The interstitial tissue of the testis is an important site of production of androgens.
4. The first cleavage in frog egg is horizental and separates the egg into right and left halves.
5. Meiosis parthenogenesis is a haploid ovum is formed by meiosis, and it may or may not activate by the influence of the sperm.
6. During human pregnancy, placental estrogen hormone passes from the maternal blood to the male fetus, stimulating the abundant fetal testicular interstitial cells that produce androgenic hormones.
7. The stratum functionale or functional layer is the thick part of the endometrium, which is sloughed off at menstruation.
8. External fertilization: occurs in terrestrial vertebrate and it’s the union of gametes from both parents outside female body.

**Q2/ Explain why in most animals fertilization process only one spermatozoon completes the fertilization process? 3Marks**

**Q3/ Define the following: 4 Marks**

Epiboly, Discoidal cleavage, Embryology, and the infundibulum

**Q4/ write about the amniotes eggs component, draw an example on it: 5 Marks**

**Q5/ Draw and label of the following: 4Marks**

1. Fertilized egg of frog
2. Ovarian primary follicle
3. Cross section of prostate gland
4. Superficial cleavage

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GOOD LUCK